

On the Soil Composition of Crystalline Solids;
M. G. Brazhnikova, 6 pp.

RUSSIAN, per, DOKLADY, Vol XXIV, No 3, 1979,
pp 44-49

Consultants Bureau

Sci
Tech

108,933

The Isolation and Purification of the Antibiotic
6613 and Investigation of Some of Its Physical and
Chemical Properties, by M. G. Brazhnikova,
Ye. B. Kruglyak, 7 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 4, 1959,
pp 29-33.

SLA 60-10965

Sci

OTS, Vol III, No 6

Sep 60

126,837

S-4675

(NY-2169)

Helicomycin, A New Antiviral Antibiotic, by N. G.
Brashnikova, T. A. Uspenskaya, L. B. Sokolova, T. P.
Frechrashevskaya, G. F. Gause, et al, 6 pp.

RUSSIAN, per, Antibiotics, Vol III, No 2, Mar/Apr
1958, pp 29-34.

JPRS 1318-B

Sci - Med
Apr 59

85,361

Studies on Homogeneity of Albomycin. by M. G.
Brazhnikova, O. Mikhov and N. N. Losakina, 7 pp.

RUSSIAN, *Tr. Vses. Biokim. Nauch. Tsentra*, No. 1-2
Jan-Apr 1957, pp 111-117.

Consultants Bureau

Sci - Chemistry
Apr 58

61,656

Some New Antibacterial Substances Generated by
Microorganisms, by G. P. Gauze, M. G. Drazhnikova

RUSSIAN, per, ~~Zhur Mikrobiologiya, Epidemiologiya i~~
~~Immunobiologiya~~, No 4/5, 1943, pp 74-77, in part
p 76.

USDA

Scientific - Biology
OTS/DEX

6331

The Production of a Highly Active Preparation of
Chromycin, by M. G. Brazhnikova, N. N. Lomakina
and I. Murav'eva, 4 pp.

RUSSIAN, per, Antibiotiki, Vol IV, No 2,
1959, pp 24-28.

CB 164,470

321

Aug 61

The Evolution of the Genus *Monotardis*, by N. Z.
Brazhnikova, M. V. Yartseva, 10 pp.

RUSSIAN, per, Paleonto Sbornik (USSR), No 1,
1954, pp 62-72.

Assoc Tech Serv
90827R

Sci - Geophysics
May 59
OED, V I, No 6

86,337

86,337

The Correlation of the Lower Carboniferous
Deposits of the Donbass and Other Regions
of the Russian Platform, by D. E. Aisenger
and N. E. Brashnikova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No
3, 1957, pp 589-592.

Consultants Bureau

Sci - Geophys
Sep 58

72, 660

Decomposition Rate of Potassium Persulfate in Hydro-
carbon Emulsions, by A. I. Yurzhenko, O. P.
Brazhnikova, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXVI, No 5,
May 1956, pp 1311-1314.

Consultants Bureau

Sci - Chemistry
May 57

47,284

Sex Formation in the Central Nervous System
Under the Influence of Pyrogenal, by P. A.
Brazovskaya, T. A. Masnyanova, E. M. Yordanskaya,
1 pp.

RUSSIAN, per, Byul Vsesp Biol i Med, Vol 5,
no 11, 1960, pp 121-122.

CB

15-9, 725-

Sol
Jul 61

Wage Determination and Performance in Government
 and Industry, by David Smith, J. P. Government
 1964, pp. 1-10
 1964, pp. 1-10
 1964, pp. 1-10

1964-1965
 1964
 May 64

1964, 1965

(NY-5419)

Development of Mechanics in Yugoslavia, 1954-1959,
by Vlatko Breic, 12 pp.

CROATIAN, per, Tehnika, Vol XV, No 3, 1960,
pp 394-397.

JPRS 9153

Sci - Engr

May 61

154, 429

The Relationship of Insects to Tobacco Mosaic
Virus, by Yaroslav Erohak, 6 p.

RUSSIAN, per, Voprosy Virusologii, Vol IV, No 2,
1959, pp 171-176.

Pergamon Press

Sci

Apr 60

114,841

15 233

US-14

BHCIC B., SLIVNIK J.

On the synthesis of uranium hexafluoride

Reports of the "J. Stefan" Inst. , 2, 47-50 (1955)

RJ 886. \$ 3.50 - English

E u r a t o m

(IN-613)

CONCERNING WORK PLANNING PROBLEMS IN PEOPLE'S
COMMITTEE, BY STANISLAV BRIC, 12 PP.

CRATIAN, PER, BILTON ZA PITANJA JAVNE
UPRAVE I PRIVREDE, VOL 12, NO 1, 1961,
PP 1-8.

JPRS 15746

EDUR - YUGOSLAVIA
ECON
MAR 68

101.711

(SF-1040)

Influence of the Relations of the Antigenic
Structure of Brucellosis and Certain Bacteria
on the Serum-Diagnostics of Brucellosis in
Swine, by B. Trbic, V. Brdaric, 10 pp.

CROATIAN, per, Veterinarski Glasnik, Vol XV,
No 3, 1961, pp 191-200.

JPRS 4794

Sci - Med
Aug 61

163302

Retail Trade Turnover and In-kind Consumption
in Czechoslovakia and the CEMA Countries, by
Miroslav Brdek CSC and Bohumil Skalicky,

2 pp.

GOVERNMENT USE ONLY

JEDL, per, Průmysl Potravin, Prague,

No. 12, Dec 67, pp. 593-596.

JPRS GUD 2702

... (Czech.)

Economic

Feb 68

320,025

Consumption of Foodstuffs in CEMA Countries,
by Miroslav Dždek, 14 pp.
CEAC, ser. Průmysl Potravin, Vol 15, No 1,
Oct 1964, pp 487-491.
JPRS G07 576

Nov-64 1100
600
Ser 63

276,023

RESULTS OF 10 YEARS OF WORK IN THE CHEMICAL
SCIENCE IN CZECHOSLOVAKIA, BY R. BRDICKA,
20 PP. GOVERNMENT USE ONLY
CZECH, PER, CHEMICKÉ LISTY, VOL LVI, NO 11,
562, PP L, 201-1, 295.

JPRS 17759

SCI - CHEM

FEB 63

223,012

Perception of Taste of Phenylthiourea (PTC),
by K. Brdicka, 10 pp. 52
Czech, per, Sbornik lékařský, Vol LXVI,
No 4, 1964, pp 110-120. ~~FTD0064766~~
FTD-TT-65-1853

Sci - Biol & Med Sci
Nov 66

R. Brdicka

312,923

Bedard, R. SOME PRINCIPLES OF MODERN REACTION KINETICS [IV] (1962) 8p Order from ATS \$14.25 ATS-76P54C Trans. of Chemicals Industry (Czechoslovakia) [1918] v. 32, no. 7, p. 146-150 DISSEMINATION: Reaction kinetics, Chemical equilibrium, Chemical reactions U.S. GOVERNMENT PRINTING OFFICE	62-12814 I. Bedard, R. II. ATS-76P54C III. Associated Technical Services, Inc., Fair Orange, N. J. 217216 Office of Technical Services
---	---

(NY-10)

CHEMISTRY AND THE FUTURE, BY RUDOLF
BRDICKA, 12 PP.

CZECH, PER, VEDA A ZIVOT, NO 4, 1961,
PP 13-16. OFFICIAL USE ONLY

JPRS 12266

SIC - CHEM
FEB 62

102,253

Document is included in the Part 1, No. 1
Lived Through It, by Prof. Dr Jiri Brulik, 7 pp.

BZECH, per, Ceskoslovenska Pediatrie, Vol XII,
No 1, Prague, Jan 1977, pp 66-74.

US JPRS/DC-L-739

Sci - Med

Sep 24

73,960

Condensation of Steam from Stationary Steam-
Gas Mixtures, by P. M. Brdlik, 8 pp.
RUSSIAN, per, ~~Engineering-Technical Journal~~
Vol 2, No 1, 1959, pp 3-11. ~~1959~~
ABC NP Tr-1444

P. M. Brdlik

336,968

Sci - Materials
Sep 67

An Experimental Investigation of the Condensation of
Steam Inside Cells, by P. M. Bedin, A. Kuznetsov,
7 pp.
Kibernetika, per. Inzhenerno Fiz. Zhur., Vol VI, No 20,
1968, pp 184-188.

SP25 20418

Sci
Mar 64

201,781

(DC-6819)

Condensation of Water Vapor From Stationary
Steam-Gas Mixtures, by P. M. Brdlik,
9 pp.

RUSSIAN, per, Izsh-Fiz Zhar, Vol II,
No 3, 1959, pp 3-8.

JPRS 14040

Sci - Phys
Jun 62

199, 319

The Arguments of John Barlow Martin's Book,
by Manuel Tapia Brea, 5 pp.

GOVERNMENT USE ONLY

SPANISH, np, Anora, 14 Nov 1966, pp. 20-21, 66.

JR 5 CUS 2237

Manuel Tapia Brea

LA-Dominican Republic

Pol

Dec 66

315, 40

Bridged T Quadripoles With Constant Characteristic
Impedance, by M. Brewster.

FRANCE, per. Centre nat. Etud. Telecom., No 902

1950, pp 1-13

CSIRO/No. 7782

M. BREWSTER

Sci -

Sep 67

340,106

... of ... microscope of ...
... by J. Lelouch, G. ...
4 pp.

MARCH, 1960, Journal Nuclear Materials, Vol VI,
1960, pp 340-345. 000005.

ADD TO STAT

501 - JAWL 001

MY 62

2 501-001

62-18812

Brébec, Gilbert, Levy, Viviane and others.
NEW METHOD FOR INTRODUCING RARE GASES
INTO METALS (Nouvelle Methode d'introduction des
Gaz Rares dans les Metaux). [1962] 7 p. (Foreign
text included) 1 ref.
Order from SLA \$1.10

62-18812

Trans. of Academie des Sciences [Paris]. Comptes
Rendus (France) 1962, v. 254, p. 1794-1796 (pub. by
Gauthier-Villars et Cie., Paris).

DESCRIPTORS: *Metals, *Helium group gases,
Electric discharges, Cathodes (Electron tubes),
Discharge tubes, *Electrodeposition.

(Engineering - Electronic, TT, v. 10, no. 4)

I. Brébec, G.
II. Levy, V.

Office of Technical Services

The Economic Advantages of Mechanizing the Welding
Processes in the erection of Blast Furnaces
By A.M. Brachak. pp 5

RUSSIAN. per. Avtomat Svarka. No 11. 1962. pp 79-83

BMRA

Sci

Oct 63

240-960

S. Brechet
Collision Broadening of Spectral Lines. Part I.
The Adiabatic Contribution, by S. Brechet
EUROPEAN, per, Annales d'Astrophysique, Vol 27,
1964, pp 432-449
RTC 71-16328-20H

mar 72

52
Arithmetic Determination of Lead Salts
Special Constitution of Official Drugs, by
F. Viebeck, G. Brecher, 9 pp.
CHAM, per, Archiv des Pharmazie, Vol 87,
1932, pp 17-11A.
CIA 73-66-12787

G. Brecher

3A, 3A

Col - Mol & Med
May 67

Brecher, Gerhard A.
FORM AND DIMENSION OF THE PANUM AREAS
IN FOVEAL VISION (Form und Ausdehnung der
Panum'schen Areale bei fovealem Sehen) [1961][22]p.
12 refs.
Order from SLA mi52 70, ph54 60 61-14135

Trans. of Pflügers Arch[iv für die Gesamte Physio-
logie des Menschen und der Tiere](German) 1942
v. 246, p. 115-128

(Continued)

61-14135

1. Eye--Physiology
2. Visual acuity--Physio-
logical factors
3. Title: Panum's areas
1. Brecher, G. A.

Office of Technical Services

S Brechot

Collision Broadening of Spectral Lines. Part II.
General Theory of Broadening by Electron
Collision, by S. Brechot
EUROPEAN, per, Annales d'Astrophysique, Vol 27,
1964, pp 739-758
JTC 71-16327-2011

mar 72

Collision Broadening of Spectral Lines,
Part I: The Adiabatic Contribution, by
Sylvie Brechet. GOVERNMENT USE ONLY
FRENCH, per, Ann Astrophys, Vol XXVII,
1964, pp 432-449.
NASA TT F-10,890

Sci - Phys
Jun 67

Sylvie Brechet

326,061

Conversion Problems in the Gas Grid by C. Brecht.
GERMAN per Gas WIRTS Vol 10 No 10 1964 pp
467-474
GB 180/114

C. BRECHT

3c1 -
Aug 67

339-385

A New Electrical Pulse Recorder and its Simple
Application in Medical Practice, by H. Boucke,
K. Brecht.

GERMAN, per, Deutsch. Med. Wochs., Vol LXXVII,
No 17, 1952, pp 562-563.

T.I.L. T.4555

Sci - Medicine, Engineering 36777
Jun 1956

TT-65-14341

Field III.

Hrech, W., Athanasoulas, M., Stewart, H. W.
THE INFLUENCE OF THE ANGLE BETWEEN THE BAY
TACKLE IN BEATERS AND REFINERS. 19p. Trals.
Order from: SLA: 11, 10 as TT-65-14341

Trans. of the 11, 10 (West Germany) v11 n1 193-6 1963.

The Testing of Paper for Suitability as Corrugating
Material by H. Bracht, H. Rotholz, 12 pp.

GERMAN, GER, Maschinenblatt Papierfabrik, Vol LXXXVI,
No 11/12, 1959, pp 467-478.

SIA 100006

Oct 6:

129, 950

Vol XII, No 9

On the Measurement of the Rigidity of
Paper, Carton Board and Board, I, by
W. Brecht, F. Muller, 10 pp.

GERMAN, per, Das Papier, Vol XIV,
No 7, 1960, pp 270-277.

SLA 60-18098

Sci
Vol IV, No 9
Mar 62

187, 127

Investigations on the Decontamination of the
Waste Water Sludges of the Paper Industry,
by W. Brecht, W. Marlow. 9 p.
OEI 1044, per, das Papier, Vol 18, No 12,
1964, pp 741-746.
SLA TT-66-10496

W. Brecht

Sci-Engr
Jul 66

306,128

Brecht, W. and Pohl, A.
THE CONDITIONING OF PAPER AND ITS EFFECTS.
[1961] 18p. (16 figs. omitted) 15 refs.
Order from SLA \$1.60

61-16804

Trans. of the Paper (West Germany) 1960, v. 14,
no. 10a, p. 590-600

DESCRIPTORS: *Paper, Quality control, Physical
properties, Tests

A paper which has been subjected to a conditioning
process cycle will, after a sufficient number of cycles,
attain a constant reaction, but will also show in drying
a greater shrinkage and on becoming humid a smaller
expansion than in the unconditioned state. Conditioned
paper will remain flatter than unconditioned only as
long as the climatic conditions to which, through con-
ditioning its moisture content was adjusted, do not
change. Measurements taken on an atomizing humidity-
cation machine showed that the principle of electro-
(Materials--Paper, TT, v. 6, no. 4) (over)

61-16804

I. Brecht, W.
II. Pohl, A.

Office of Technical Services

Brecht, W. and Hildebrand, W.
ABOUT THE DIMENSIONAL STABILITY OF PAPERS.
Mar 61, 18p. (21 figs. omitted) 79 refs.
Order from SIA \$1.60

61-14905

Trans. of the Paper (West Germany) 1960, v. 14,
no. 10a, p. 610-624.

DESCRIPTORS: *Paper, Quality control, Physical
properties, Tests.

An apparatus has been designed which yields curves
during paper tests recording the changes arising from
the moisture content during a change of climatic con-
ditions and the changes of dimensions of the papers as
a function of time. The results of ample investigations
show how different production conditions influence the
relation between climatic conditions and dimension
changes and affect the speed of these reactions. (Author

(Materials Paper, TT, v. 6, no. 1)

61-14905

I. Brecht, W.
II. Hildebrand, W.

Office of Technical Services

A technical comparison of the Beck, Gurley-
Hill and Brindtson Smoothness Testers, by W.
Dreacht, H. Gessen. 13 pp. UNCLASSIFIED

GERMAN. Woch. Wochenblatt Papierfabrik. Vol LXXXV,
No 32, 30 Jun 1957, pp 447-451.

Dept of Commerce
National Bureau of Standards

Sci - Eng
Apr 58

62,397

The Cockling of Paper, by W. Brecht, F. Muller, and
H. Weiss, 14 pp.

GERMAN, per, Das Papier, Vol IX, No 7-8, 1955,
pp 133.

SLA Tr 57-1731

Sci

Jul 58

67,937

The Rheological Behaviour of Paper of Varying
Moisture Content When Subjected to Short Tensile
Strain, by W. Brecht, E. Fuhrbeck, 7 pp

GERMAN, per, das Papier, Vol XIII, No 13/14,
1999, pp 293-301.

SLA 66-14010

Sci
QNS, Vol III, No 7
Nov 60

133,054

Beating Control With the ~~Isset~~ Fiber Separator, by
W. Brecht, A. Pohl, 9 pp. ^N

GERMAN, per, Das Papier, Sep 1956. ~~Vol. 1~~, 1. 17-19.
11 45-112

SLA tr 57-1174

Sci - Engineering
Feb 58

58,498

1007/1000

Brecht, W. and Wanka, R.
CONTRACTION OF PAPER IN THE CROSS DIREC-
TION, Jan 64. 11p (figs omitted) 6rds
Order from SLA \$1.60

TT-64-14000

Trans. of das Papier (West Germany) 1963, v. 17,
no. 4, p. 141-147.

(Materials--Paper, TT, v. 11, no. 11)

TT-64-14000

1. Brecht, W.
2. Wanka, R.

180613

Office of Technical Services

Brecht, W. and Zippel, F.
INVESTIGATIONS INTO THE OPERATION OF MILL
WASTE WATER CLARIFICATION PLANTS. [1963]
[15p] (figs omitted) 2 refs
Order from SLA \$1.60

TT-63-20826

Trans. of das Papier (West Germany) 1962, v. 16,
no. 10a, p. 645-654. (Abstract available)

DESCRIPTORS: *Water supplies, *Wastes (Industrial),
*Purification, Paper Industry, Sedimentation, Separation,
tion.

Investigations on 13 clarifying installations employed by
the Paper and Board Industry indicated that considerable
differences existed in the layout of the installations and
the circulatory systems inside the overall production
water system. So far as fibre recovery is concerned,
good clarifying effects are almost always obtained,
although with chemical/mechanical clarification there is
(Engineering--Chemical, TT, v. 11, no. 3) (over)

TT-63-20826

- I. Title: Clarification
- II. Brecht, W.
- III. Zippel, F.

Office of Technical Services

Strass-Brechin Measurement on Paper in Initially Wet
Condition, by W. Brecht, W. York, 12 pp.

GERMAN, Ger, Das Papier, Vol VIII, No 17/18, 1958,
pp 365-370.

ATS 311290

Sci - Amer

Jul 59

OTS 1, 11

91,037

Dry Content and Initial Wet Strength After Laboratory
Suction Draining, by W. Brecht, A. Gerspach, 6 pp.

^{2nd}
GERMAN, Das Papier, Vol X, No 23-24, 1976, p 535.

BIA 98-258

Sci

Aug 59

94,187

Development in Woodpulp Production, by W.
Brecht.

GERMAN, per, Dt. Papierwirt. No. 4, 1964

pp 16-54

NRC C-5752

W BRECHT

Sel .
Aug 67

337-167

Brecht, W. and Raderer, P.
Trans. of Wochensblatt für Papierfabrikation (West
Germany) 1962, v. 90, p. 373-377.
Order from SLA \$1.10

62-20453

62-20453

I. Title: Curling
II. Brecht, W.
III. Raderer, P.

Trans. of Wochensblatt für Papierfabrikation (West
Germany) 1962, v. 90, p. 373-377.

DESCRIPTORS: Paper, Driers (Apparatus), Process-
ing, Automation.

A brief outline is first given of present knowledge of
the causes for the tendency to curl and for the curling
of papers. New studies have dealt with an answer to the
problem of why paper curls which has dried unevenly
rapidly on both sides, and why such curvature always
occurs in concave fashion toward the side which dried

Bracht, W. and Heya, D. THE SMOOTHNESS OF CALENDERED PAPERS AND ITS DEPENDENCE ON ATMOSPHERIC HUMIDITY. Apr 63, 11p. (Figs. omitted) 8 refs. Order from SLA \$1.60 Trans. of Wochenbl[att] für Papierfabrikation (West Germany) 1958 [v. 86] no. 23/24, p. 1057-1063. DESCRIPTORS: *Paper. Surface properties. Humidity. (Materials--Paper, TT, v. 10, no. 5)	63-18282 I. Bracht, W. II. Heya, D. AE47711 Office of Technical Services
---	--

Brecht, W. and Merlau, W.
FIBRE RECOVERY FROM THE WASTE WATERS OF
MILLS PROCESSING WASTE PAPERS. [1963] 10p
(figs omitted) 8 refs
Order from SLA \$1.10

TT-44-14340

Trans. of Wochenblatt für Papierfabrikation (West
Germany) 1963 [v. 91] no. 15/16, p. 772-778.

DESCRIPTORS: *Paper, *Wastes (Industrial), Process-
ing, *Wood pulp, Fibers, Recovery.

(Materials--Paper, TT, v. 11, no. 7)

TT-44-14340

1. Brecht, W.
2. Merlau, W.

11755(1)

Office of Technical Services

Brecht, W.
PAPER RECOVERY FROM PAPER MACHINE WASTE
WATER. [1963] 13p (figs omitted) 13refs
Order from SLA \$1.60

TT-44-14346

Trans. of the Papier (West Germany) 1962, v. 16,
no. 10a, p. 635-643.

DESCRIPTORS: *Wastes (Industrial), Machines,
*Paper, *Wood pulp, Recovery, Filtration (Separation).

(Materials--Paper, TT, v. 11, no. 7)

TT-44-14346

I. Brecht, W.

13500

Office of Technical Services

Wet Screening (Fine Screening) of Fibres in the
Paper Industry, by W. Brecht, M. Schroter

ERMAN, per, Papier-Fabr., Vol VIII, 1944, pp 259-268.

Nat'l Res Council Canada TT 289

~~XXXXXXXXXX~~

3 - GDR

conomic

1 CTS/DEX

Price).25

16,364

Comparison of Different Instruments for Measuring
the Air Permeability of Paper, by W. Dreht, I.
Hempel.

GERMAN, Ger, Daspapier, Vol 17, No 12, 1963, pp
96-637

GB 167/3534

60-28-007

Sci -
Aug 67

336,666

Brecht, V. and Erfurt, H.
 NEW DATA ON THE TENSILE STRENGTH OF
 PAPERS. [S. 1, 10/1 p. (14 figs. 2 graphs omitted)]
 19 refs.
 Order from NIA 6157 40, 183 10 61-10267

Trans. of Inst. Paper (West Germany) 1969, v. 13,
 no. 2, 24, p. 25-32.

A new apparatus is described which enables the
 strength of sheets of paper to be determined
 within the range of moisture contents of 4% to 62%.
 Sheets are tested with a constant rate of extension
 which varies over their width limits. The flow be-
 havior of a number of papers was studied, and an
 attempt was made to correlate the flow with chemical
 composition, density, and the degree of the com-
 pression of the fibers. The apparatus is being
 used for the study of the effect of moisture and
 temperature on the strength of paper.

61-10267

I. Paper: Tensile strength
 I. Brecht, V.
 II. Erfurt, H.

Office of Technical Services

Instrumental Procedures of the Fibre- Length
Measuring Techniques, by W. Brecht,
W. Volk,

GERMAN, per, Papier, Vol XII, No 9/10, p 170,
1956,

C.S.I.R.O.
SLA 58-1804

Sci - Phys

May 60

116/132

The Influence of the Tensile Forces during
the Drying of Paper on the Behaviour of
Paper, by W. Brecht and D. Pothmann, 30 pp.

GERMAN, per, Das Papier, Vol IX, No 13-14
and 17-18, Jul and Sep 1955, pp 304-
311 and 429-437.

SLA 57-3311

Sci

Aug 58

72,480

The Effect of Wire Structure on Fibre Drainage
Study on Stationary Screen, by W. Brecht, H.
Briert and W. Volk, 13 pp.

GERMAN, par, Das Papier, Sep 1956, pp 395-402.

SLA Tr 57-2720

Sci

Jul 58

67,935

The Influence of Drying Strains on Some
Properties of Paper, by W. Brecht, A. Ger-
spach, and W. Hilderbrand, 13 pp.

CHESMAN, per, Das Papier, Vol X, No 19-20,
Oct 1956, pp 454-458.

SLA Tr 77-1721

Sci

Jul 58

67,936

Brecht, W. and Kitchner, U.
THE AIR CONTENT OF PAPER PULP SUSPENSIONS. Vol. 62, 1955. (U.S. omitted) 51-10
62-16567

1. Paper Pulp (W. St. Germain) 1-10
2. Paper Pulp 62-16567

DESCRIPTORS: *Paper, Production; Air, Absorption;
Ratios; Density; Stability; *Wet Weight; Water;
Drying; Mixing machines; Particles

(MPC 10) Paper Pulp (W. St. Germain) 1-10

62-16567

1. Paper Pulp
2. Paper Pulp

62-16567

Office of Technical Services

Brecht, W. and Weitzel, W.
THE SPECIFIC CLEANING ACTION OF DIFFERENT
TYPES OF WIRE SPRAY PIPES. Mar 62, 7p. (figs.
 omitted) 5 refs.
 Order from SLA \$1.10

62-16504

Techn. (Ludw.) Paper (West Germany) 1961, v. 15,
 no. 10a, p. 439-443.

ENGLISH SUMMARY: Paper.
 Pipes, *Cleaning, Water, *Spray nozzles, Consump-
 tion, *Reactions, Liquid jets, Wire screens, *
 *Flow, Water impingement

A method of procedure is given for calculating
 the forces on the various parts of the wire, the
 tractive force exerted, and the distribution of the
 tractive force between the two driving rolls, for
 calculation of the power of the electric drive. In this
 (Materials Paper, 11, v. 8, no. 10) (over)

62-16504

I. Title: Fourdrinier wire
 I. Brecht, W.
 II. Weitzel, W.

0226250

Source of Technical Summary

Influence of the Relative Atmospheric Humidity on
aper, by W. Brecht, 10 pp.

UTCH, per, de Papierwereld, Vol XIII, No 2, 1958.
35ff.

SLA 60-14020

Sci
TS, Vol III, No 7
Dec 60

134,958

Brecht, I. and others.
CONTROL OF THE WATER CIRCULATION IN PAPER
MILLS. [1962] 18p. (figs. omitted) 9 refs.
Order from SLA \$1.60

63-10335

Trans. of Maschinenbau für Papierfabrikation (West
Germany) 1961, v. 89, no. 17, p. 821-831.

DESCRIPTORS: Control systems, *Water, Paper, In-
dustrial plants, Consumption, *Flowmeters, Oxygen,
Electrometers, *Paper industry, Waste (Industrial),
Economics

(Materials-Paper, TT, v. 9, no. 11)

63-10335

I. Brecht, W.

Office of Technical Services

Aspects of Laboratory Pulp Beating, by
W. Brecht. 17p.
GERMAN, per, Wochenblatt fuer Papierfabrikation,
Vol 88, No 37, 1922, pp 701-711.
ATB-7 S. G

W. Brecht

Sci-Materials
Bv

11,20

Stress-strain Measurement of Papers in the
State of Initial Wet Strength, by W. Brecht,
W. Volk.

GERMAN, per, Papier, Vol 3, No 1716, 1954,

pp 365-370.

GB/167/3813

W BRECHT

Sci -

Jul 67

334,935

Laboratory Investigation on the Suitability
of Some Instruments for Rapid Measurement of
the Moisture Content of Paper, by W. Bredt,
L. Kerner.

GERMAN, Ger, Papier, No 10, 1954, pp 419-430.

W B BREDT

Sci -
Jul 67

334,030

Brecht, W. and Müller, F.
STIFFNESS TESTING OF PAPER, CARTON, AND
BOARD. [II] Apr 61, 12p. (12 figs. omitted).
Order from SLA \$1.60 61-16464

Trans. of das Papier (West Germany) 1960, v. 14,
no. 9, p. 414-422.

DESCRIPTORS: Paper, Mechanical properties, Test
equipment, Stresses.

It was found that the majority of the different procedures
and instruments characterise rigidity only on a relative
basis and indirectly. The fundamental difference in the
bending behaviour of elastic and elasto-plastic mate-
rials was theoretically demonstrated and it was shown
that a distinction has to be made between two cases when
subjecting paper to bending stresses. One case is char-
acterised by such slight bending of the sample that the
strain at the sample surface does not exceed the region
(Materials-Paper, TT, v. 6, no. 6) (1962)

61-16464

- I. Brecht, W.
- II. Müller, F.
- III. Title: On the Measurement
of the Rigidity of Paper,
Carton Board and Board.
II.

Office of Technical Services

Brecht, A. and Blikstad, P.
A NEW INSTRUMENT FOR MEASURING THE
STIFFNESS OF PAPER CARTON BOARD AND
BOARD Sep 60 (8)p. (7 figs. omitted).
Order from SLA mi\$1.80, ph\$1.80 60-18887

Trans. of Papier-fabrikant (Germany) 1940, v. 38,
no. 4, p. 17-22.

60-18887

1. Paper--Testing equipment
1. Brecht, W.
11. Blikstad, P.

Brecht, Walter
THE INFLUENCE OF MIXING OF DIFFERENT
PULPS ON THE PHYSICAL PROPERTIES OF PAPERS.
[1963] [12p] 31 refs
Order from SLA \$1.60

TT-64-10795

Trans. of Svensk Papperstidning. 1963. v. 66 (no. 3)
p. 159-167. (Abstract available)

DESCRIPTORS: *Wood pulp, Mixtures, *Paper,
Sheets, Fibers, Tensile properties, Manufacturing
methods.

Starting with some basic considerations, characteristics
of mixing curves were demonstrated. In particular, it
was shown for two pulps, in each case, that the
property of the mixture was the result of a mixing
harmony of the two components. If two pulps are
similar or only slightly different concerning one of
(Materials-Paper, TT, v. 11, no. 9) (over)

TT-64-10795

I. Brecht, W.

Office of Technical Services

Brecht, Walter and Erfurt, H[orm].
OBSERVATIONS ON THE STRETCH OF PAPER.
Mar 61, 19p. (14 figs. omitted) 28 refs.
Order from SLA \$1.60

61-16120

Trans. of das Papier (West Germany) 1960, v. 14,
no. 12, p. 723-736.

DESCRIPTORS: Paper, Wood pulp fibers, Mechanical
properties, Physical properties, Tests.

A previously described apparatus (das Papier 13: 583,
1959; available in translation from SLA as 61-10207)
was used to study the effects which the solid content of
the paper, the type of fibres used and their degree of
beating, and the structural character of mechanical and
chemical pulps exert on the extensibility of papers.

(Materials--Paper, TT, v. 6, no. 4)

61-16120

I. Brecht, W.
II. Erfurt, H

Office of Technical Services

Brecht, W[alter] and Müller, F[riedrich].
ABOUT THE HANDLE OF PAPER. 1961, 16p.
(13 figs. omitted) 26 refs.
Order from SLA \$1.60

61-10886

Trans. of the Paper (West Germany) 1960, v. 14,
no. 10a, p. 554-564.

DESCRIPTORS: *Paper, Physical properties, Mechanical properties, Tests.

The definition, "handle", referring to the "Feel" of paper is examined and an attempt is made to relate it to objective measurement. Some 43 papers of different "handle" were distributed among 5 basis-weight ranges for individual assessment by trade observers. Those tactile properties (bending stiffness and thickness) enabling the classification by "handle" by the expert were measured, yielding a correlation between subjective assessment and actual measurement (Spearman order of merit correlation coefficient 0.986). The (Materials--Paper, TT, v. 6, no. 1) (over)

61-10886

I. Brecht, W.
II. Müller, F.

Office of Technical Services

Tendency of Paper to Curling, by Walter Brecht,
Paul Raderer, Wolfgang Weitzel, 10 p.

GERMAN, per, das Papier, 1959, Vol XIII, No 11/12,
pp 237-244.

SLA 60-10128

Sci
Apr 60
Vol XII, No 3

112,025

TT-65-13914

Field 11L

Brecht, W.; Bauer, A.
FLY ADHESION OF MULTIPLY PAPERS AND BOARDS.
14p.
Order from SLA: \$1.60 as TT-65-13914

Trans. of das Papier (West Germany) v2 n13/14 p228-8;
n13/16 p235-90 1949.

NR 664

Kollergang, refiner, curlator, by Walter Brecht,
30 pp.

GERMAN, per, Das Papier, Vol V, no 17/18, 1951,
Pp. 361-371.

S.L.A. Tr 69

Kfur - Germany
Scientific - Engineering

32,752

Brecht, Walter and Weep, Adam.
A NEW APPARATUS FOR TESTING FOLDING
STRENGTH. [1961] [34]p.
Order from SLA \$3.60

61-20097

Trans. of das Papier (West Germany) 1952, v. 6,
no. 21/22, p. 443-449 and no. 23/24, p. 496-503.

DESCRIPTORS: *Paper, Mechanical properties, Test
equipment

The range of the pressure folder extends from 20g/m²
to 500 g/m², without reference to the tensile strength.
Its principle as calculated gives a true picture of the
fold strength of the sheet. (Author)

(Materials--Paper, TT, v. 7, no. 1)

61-20087

I. Title: Schopper fold tester
1. Brecht, W.
II. Weep, A.

184242

Office of Technical Services

Besch, Walter and Krieger, Ludwig.
LABORATORY INVESTIGATIONS ON THE SUIT-
ABILITY OF SOME INSTRUMENTS FOR RAPID
MEASUREMENT OF MOISTURE CONTENT IN PAPER.
C. RAPID DETERMINATION OF MOISTURE CON-
TENT IN PAPER THROUGH DIELECTRIC MEASURE-
MENTS. [1963] 27p. (figs omitted) 16cms
Order from NSA \$2.00

63-20136

Techn. Pap. (West Germany) 1954, v. 5,
p. 419-426.

DESCRIPTION: Paper; Moisture Determination;
Dielectric Constant; Pulp; Wood pulp; Test-piece
(Electricity); Moisture content.

63-20136

Office of Technical Services

Novel Method of Measurement of Smoothness and
Uniformity of Smoothness on Papers and Boards, by
Walter Brecht, Hermann Geenen, 14 pp.

GERMAN, per, Das Papier, Vol XIII, No 21/22, 1979,
pp 519-530.

AL
SLA 60-10922

Sci
Jun 60
Vol XII, No 5

119,111

Water and Waste Water Systems of Illustration
Printing Paper Mills, by Walter Zisch, Fridolin
Zippel, 11 pp.

GERMAN, per, Das Papier, Vol XII, No 23/24, 1958,
pp 615-623.

SLA 60-10916

Sci
Jun 60
Vol XII, No 5

119,112

The collection of papers from their collection
 Copyright. 1913 by Walter Hecchi. 9 no.

GENERAL, 1913, Vol. XIII, No. 73, 1913.
 pp. 100-101.

SLA 59-1-118

103, 114
 103, 114
 103, 114

1957 Annual Report of the Institute of
Technology in Darmstadt, by Walter Brocht, 14 pp
UNCL

GERMAN, rpt, 1958.

AF 1265991

The Behaviour of Papers When Their Moisture
Content Changes, Pt II, by Walter Brecht, 5 p.

GERMAN, per, das Papier, 1959, Vol XIII,
no 9/10, pp 201-207.

SLA 59-17046

Sci
Enc 59
Vol 2, No 6

103,765

Breche, H. O. 2810.
 CLINICAL EXPERIENCE WITH A NEW TETRACYC-
 LIN PREPARATION. (1940) Ep. 6, 115.
 Order from SLA in \$1.80, per \$1.50. 61-1-333
 Trans. of the 10th. (West Germany) Soc.,
 no. 34/34, p. 107-109.

61-1-333

1. Tetracycline (Tetracycline)
 effects
 1. Breche, H.

13
Conversion of Iron Binding Site Temperature
Differences Between Electrolytes, by W.
Brockheimer, J. Phys.
Chem., 1974, 78, 13-15.
1974, no 13-15.
(Vol 1374)
SMB 1374

W. Brockheimer

13.13

Spectral Control of Oxygen-Steam Blown Heats,
by H. Bragg, et al., Unpublished. UNCLASSIFIED

...
... presented to the 27th Congress of
Industrial Chemistry, 1961, Brussels.

Iron and Steel Inst fr 959
(12) 1-1-61

...
...

1-1-61

Ratio of Cross Sections for the Production of the
 Sc^{44} and Sc^{44m} Isomer Pair in Heavy Ion Reactions,
by V. V. Bredel', B. A. Gvozdev, 5 pp.

RUSSIAN, per- Zhur Eksper i Teoret Fiz, Vol XLVI,
No 4, 1963, pp 904-909.

Amer Inst of Phys
Sov Phys - JETP
Vol XVIII, No 3

Sci
Apr 64

256,063